BRUHATH BANGALORE MAHANAGARA PALIKE

Ward 14, Bagalagune

NAME OF WORK : **Improvements to roads & drains at 4th Cross NMH Layout in Ward No 14, Bagalagunte**

Estimated Cost	**20.00**	**Lakhs**						

Sl.No.	Description of work	Measurments No.s	L	B	D	Qty	Unit	Rate	Amount
1	Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work..(PWD SR 2016-17, Page No.142, Item No. 19.1) including Conveying the excavated earth silt, debris and over burden earth etc., to lead of 0 to 5 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of Engineer-in-charge of the work								
		1	1	223.00	1.20	1.00	267.60		
						Total qty.	**267.60**	**sqm**	**170.92**	**45738.00**
2	KSRB 4 -1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (PWD SR 2016-17, Page No.12, Item No. 4.3)								
		1	1	223.00	1.20	0.15	40.14		
						Total qty.	**40.14**	**sqm**	**5159.02**	**207083.00**
3	KSRRB M2200-5.9. Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008- i) Upto 5 m height. (Pg.No.223, It.no.28.7.9)								
	drain bottom	1	1	223.00	0.90	0.15	30.10		
	side walls	1	2	223.00	0.15	0.90	60.21		
						Total qty.	**90.31**	**cum**	**6965.26**	**629033.00**
4	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.17 - I. no.28.8.2]								
	drain								
	10mm dia bars	18	1	223.00	@	0.62	2488.68		
	10mm dia bars	2230	1	2.55	@	0.62	3525.63		
							6014.31	kgs	
						Total qty.	**6.01**	**ton**	**58090.12**	**349122.00**
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc,. And removal of form work for **vertical surface** such as walls at any thickness, includig attached pilasters, butresses, plinth cills and string courses cost of all materials, labour complete as per specifications. (Pg. No.15, It. No.4.31)								
		4	1	223.00		1.00	892.00		
						Total qty.	**892.00**	**sqm**	**310.58**	**277037.00**

6	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mmc/c bothways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials - Data rate approved by Chief Engineer, Dasarahalli zone								
		1	1	223.00	0.90		200.70		
						Total qty.	200.70	sqm	1600.00	321120.00
									Sub Total	1829133.00
									Qc Charges 1%+KRIDL charges	166331.00
									Miscelleneous & rounding off	4536.00
									Total	2000000.00
	(Rupees Fifty Lakhs Only)									

CERTIFICATE

1. *Certified that The work spot has been inspected by me and the work is necessary & site condition*
2. *Certified that the work is not split up*
3. *Certified that the estimate is based on PW,P&IWTD Bangalore Circle SR of 2016-17*
4. *Certified that Adequate & necessary provisions have made in the estimate.*
5. *Certified that the above area comes under BBMP limit*
6. *This Work is not included in any other work taken up*

Asst Engineer
Ward-14

Assistant Executive Engineer
Dasarahalli Sub Division
B.B.M.P

Excecutive Engineer
Dasarahalli Division
B.B.M.P

ನಂ. CE/AS/04/17-18 ದಿನಾಂಕ: 21/04/2017
ರೂ. Rs. 20.00 lakhs only/-
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ಬಾಪೂಜಿ ಭವನ, ಬೆಂಗಳೂರು.

ನಂ. ಕಆ/ಟಿಎಸ್/07/17-18 ದಿನಾಂಕ: 27.04.17
ರೂ. Twenty lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಅ ನೀಡಿದೆ
ಕಾರ್ಯ ಇಂಜಿನಿಯರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಭಾಗ
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W0056-30 Ft Rd
W0058
W0068
W0007
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W0017
W0021
W0025
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W0039
W0036
W0042
W0052
W0040
W0062
I0064-1st Crs
W0050
W0035
W0033
W0060
W0066
I0037
W0111-4th Main Rd
W0174-27th Crs
W0176-26th Crs
W0178-23rd Crs
W0180-24th Crs
W0186-23rd Crs
W0188-30th Crs
W0192-22nd Crs
W0190-29th Crs
W0196-21st Crs
W0194-28th Crs
W0099-25th Crs
W0091
W0089
W0083-18th Crs
W0081-N M H Lyt Main Rd-1st Main 1st Crs
W0079-2nd Crs
W0077-3rd Crs
W0075-1st Crs
W0071-2nd Crs
W0069-3rd Crs
W0182
W0184
W0073-4th Crs
W0063-6th Crs
W0065-5th Crs
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